CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

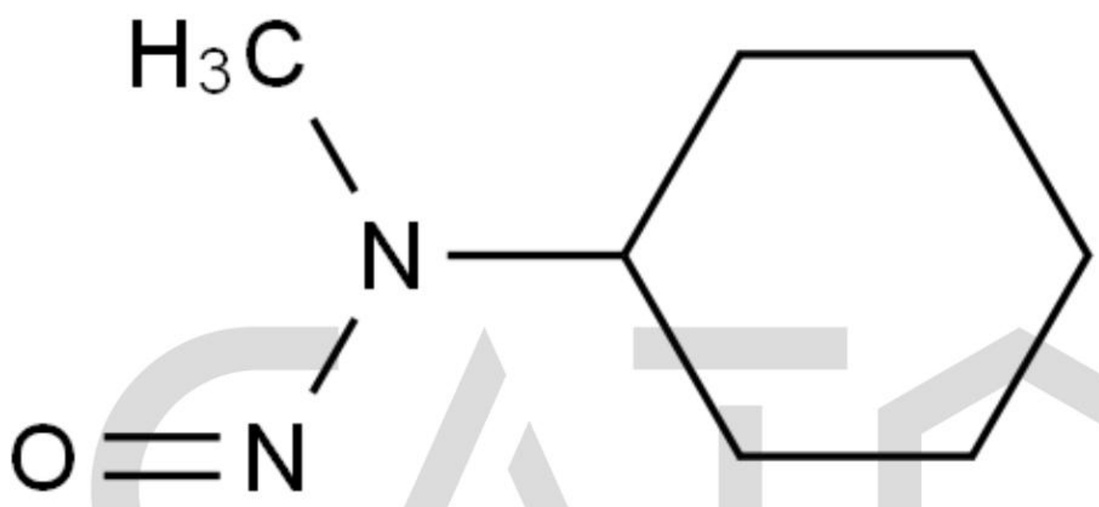
No.: 202501100088

Certificate of Analysis

Reference Material & Standard

Product Name:	Tamoxifen Impurity 17	**Catalogue Number:**	C4X-123317
Synonyms:	N/A	**Lot Number:**	0114-RG-0019
CAS Number:	5432-28-0	**Expiry Date:**	Apr 18, 2027
Molecular Formula:	C7H14N2O	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	142.20		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.897%
Water Content	Karl Fischer	0.34%
Residual Solvents	NMR	Not detected in NMR
Assay		99.6%

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Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) /100%*
Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Lily Date: Jan 14, 2025

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CATO Research Chemicals Inc.

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